

## **Remarks**

Claims 1-39 are pending in this Application. Claims 15-21 and 31-39 have been withdrawn from consideration. The Examiner's Office Action summary indicates that "Claims 1-30 are rejected;" however, in the Detailed Action the Examiner states that "Claims 4, 9, 23 and 24, along with dependent on them claims 5-8, 10-14, 25-30, are rejected under 35 U.S.C. 112, first paragraph;" that "Claim 1 and claims 2-14 as being dependent on claim 1, are also rejected under 35 U.S.C. 112, second paragraph;" and that Claims 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Soupert et al in view of Tracewell." Therefore, it is the Claims that remain under Examination Claims 1-14 and 22-30 that have been Rejected, and Claims 15-21 remain Withdrawn and not acted upon.

Applicant's Attorney notes a 10 minute telephone conversation with Examiner Datskovskiy beginning at 11:05 AM on 30 March 2004 wherein Applicant's Attorney noted that there appear to be several erroneous citations in the office action: specifically that the "second" paragraph 5 of the Office Action contains several non sequiturs:

5. Claim 1 recites the limitation "said base" in line 12. There is insufficient antecedent basis for this limitation in the claim. (A "base" first appears in the claim 4).

Applicant's Attorney noted that there was no "base" recited in Claim 1, that Claim 1 did not contain 12 lines and that the first mention of a "base" was in Claim 5 rather than Claim 4. The Examiner instructed Applicant's Attorney to disregard the second paragraph 5.

## **DETAILED EXAMINER'S COMMENTS** **Election /Restrictions**

### **Specifically**

The Examiner has noted:

During a telephone conversation with Mr. William Adams, Reg. No. 32552, on 01/21/2004 a provisional election was made with traverse to prosecute the invention of Group I, claims 1-14 and 22-30. Affirmation of this election must be made by applicant in replying to this Office action.

### **Response**

Applicant confirms the Provisional Election with Traverse, and notes that this Election with Traverse was actually submitted on 20 January 2004 within the period of time for responding to the Restriction Requirement; however, was not entered in the case as a result of the reassignment of the case between Examiners and the failure of the datafax number 703-305-1341 indicated as the fax phone number where the application was assigned. A copy of an attempt to file by that fax number as well as a copy successfully

datafaxed to another datafax machine for the TC/A.U. at 7:14 PM on 20 January 2004 as well as an additional copy datafaxed to 703-872-9306 and e-mailed to Examiner Datskovskiy on 21 January 2004 are attached after page 13 of this paper. Applicant respectfully reaffirms its Traverse that Claims 15 and 31 should be in Group I rather than Group II.

**DETAILED EXAMINER'S COMMENTS**  
***Claim Rejections -35 USC § 112***

**Specifically**

The Examiner has noted:

Claims 4, 9, 23 and 24, along with dependent on them claims 5-8, 10-14, 25-30, are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claim 4 claims an air flow apparatus including filters, fans and vents; claims 9 and 23 claim a wire housing system constructed to prevent said wire from vibration; claim 24 claims brackets constructed to stabilize components and to prevent their vibration. None of these structural elements was shown in the drawings or described in the specification in a way allowing understanding how they perform such functions.

**Response**

With regard to Claim 4, Applicant notes that in Figure 4 the “air flow apparatus” is shown at reference numbers **3c** and **3d** as noted in replacement paragraph [0032], Filed with the Preliminary Amendment on the original Filing Date for the Application, at lines 4-6. It is also shown in Figure 5 as reference numbers **103e** as noted in replacement paragraph [0035], Filed with the Preliminary Amendment on the original Filing Date for the Application, at lines 8-10. It is also shown in Figure 2 as reference numbers **3c** and **3d** as noted in paragraph [0026], lines 3-6. Figure 2 shows the exterior vents of the air flow apparatus. While the filters and fan are not specifically shown, the mounting of a filter internal to a vent and positioning a fan to draw air through the vent and filter is a basic system used in myriad applications from the common kitchen stove and bathroom exhaust fan “air flow systems” to cooling fans used within personal computer housings. Any person of ordinary skill in the art, or virtually any mechanical art, would be able to view Figures 2, 4, and 5 as well as the internal Figure 3(b) and understand where to place the filters and fans in relationship to the vents that denote the external opening of air flow apparatus **3c, 3d, 103e**.

With regard to Claims 9 and 23, Figure 3(b) as described in paragraph [0028] lines 5-11 clearly shows by reference letter **w** shown in both the upper and lower interior portions **2b** tracks with protrusions to restrain the wires and as recited is “used to maintain wire integrity between each apparatus and sensor and their respective components.” Any person of ordinary skill in the art could look at Figure 3(b) and see that the wires are to be

threaded under the restraining protuberances along the indicated tracks. There are certainly other methods that can be used for maintaining wire integrity such as bundling the wires and securing them with plastic fasteners affixed to portions of the interior; however, as Applicant has noted it is important that the “apparatus’ wiring can be easily tracked and identified for rapid maintenance and/or removal.” Paragraph [0028], lines 9-10. Securing the wires beneath the protuberances also serves, as explained at paragraph [0028], lines 10-12, to insulate the wires from sudden jolts and vibrations. Since anyone skilled in the art referring to both the Specification and Drawings would readily be able to determine how the wire housing system is constructed to prevent the wire from vibration, it is not necessary to further spell this out in words. If the Examiner requires, a word description based entirely upon that which is shown in Figure 3(b) and therefore not adding any new matter could be Amended into the Specification at paragraph [0028]; however, Applicant believes that such Amendment would merely be superfluous since the Figure adequately conveys the manner in which the wires are both insulated from jolts and vibration and easily identified for rapid maintenance and/or removal. As Applicant noted at paragraph [0028], lines 20-23: “Exact positioning of these elements will be dependant upon design and functional parameters as understood by one of ordinary skill in the art.”

With regard to Claim 24, the brackets **B** constructed to stabilize components and prevent their vibration are shown in Figure 3(b) and described in paragraph [0028] starting at line 13 and continuing through line 23. Figure 3(b) clearly shows a rigid four sided bracket **B** affixed to interior portion **2b**. While the Specification does not specify the manner of affixing such brackets, which could be via welding or other methods, to restrain movement and “provide stability, shock and vibration isolation” for the individual components of devices positioned on surface **6**, such a rigid bracket would clearly do so. Again, as Applicant noted at paragraph [0028], lines 19-23: “Note that the positions of the wire housing system **W** and the brackets **B** are generally shown in **figure 3(b)**. Exact positioning of these elements will be dependant upon design and functional parameters as understood by one of ordinary skill in the art.” A person of ordinary skill in the art would understand that the components are placed inside the brackets **B** as shown in figure 3(b).

### Specifically

The Examiner has noted:

4. The following is a quotation of the second paragraph of 35 U.S.C. 112: The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
5. Claim 1 and claims 2-14 as being dependent on claim 1, are also rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Claim 1 recites the limitation “said base” in line 12. There is insufficient antecedent basis for this limitation in the claim. (A “base” first appears in the claim 4).

**Response**

As Applicant's Attorney pointed out above and in his telephone conversation with the Examiner on 30 March 2004, there is no limitation of "said base" in Claim 1, and the Examiner told Applicant's Attorney to disregard 'paragraph 5.' Since this is the case there would appear to be no 35 U.S.C. 112, second paragraph Rejection which Applicant needs to address.

***Claim Rejections -35 USC § 103*****Specifically**

The Examiner has noted:

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Soupert et al in view of Tracewell. [deleted] Regarding to the claims 24-25: Official Notes is taken that using support structures preventing supported components from vibration are well known in the art, and being claimed without any structural description or definition do not provide patentable weight to the claims.

**Response**

Applicant has cancelled Claims 22-25.

**Allowable Subject Matter****Specifically**

The Examiner has noted:

8. Claim 1 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

**Response**

Applicant believes that in view of the Examiner's instruction to "disregard paragraph 5" the need to re-write Claim 1 has been Obviated. Applicant gratefully acknowledges the Examiner's indication that Claim 1 would be Allowable if the 35 U.S.C. 112, second paragraph Rejection were overcome, which it has been.

### **Specifically**

The Examiner has noted:

9. Claims 2-14 and 26-30 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, first and second paragraphs, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

### **Response**

Since the Rejection to Claims 2-14 was based upon the fact that they Depended from Rejected Claim 1 (the Examiner's instruction to "disregard paragraph 5" having Obviated the Rejection of Claim 1), and upon the Rejection of Claims 4, and 9 (Claims 5-8 being Dependent from Claim 4 and Claims 10-14, being Dependent from Claim 9) and Applicant having specifically pointed to the Figures and Specification as clearly enabling a person of ordinary skill in the art to practice the air flow apparatus including filters, fans and vents, the wire housing system constructed to prevent said wires from vibrating and the brackets to stabilize components and prevent their vibration, Claims 2-14 should be Allowable as originally written since they now Depend from Allowable Claim 1 and the 35 U.S.C. first and second paragraph Rejections having been overcome. Applicant gratefully acknowledges the Examiner's indication that Claims 2-14 would be Allowable if the 35 U.S.C. 112, first and second paragraph Rejections were overcome.

Since the Rejection to Claims 26-30 was based upon the fact that they Depended from Rejected Claims 22-25, which have been cancelled (Claim 26 having been Amended to include all limitations in cancelled Claims 22-25) and upon the Rejection of Claims 23 and 24 (Claims 25-30 being Dependent from Claim 24), and Applicant having specifically pointed to the Figures and Specification as clearly enabling a person of ordinary skill in the art to practice the air flow apparatus including filters, fans and vents, the wire housing system constructed to prevent said wires from vibrating and brackets to stabilize components and prevent their vibration, Claims 26 should be Allowable as Amended and Claims 27-30 should be Allowable as originally written since they now Depend from Allowable Claim 26. Applicant gratefully acknowledges the Examiner's indication that Claims 26-30 would be Allowable if the 35 U.S.C. 112, first and second paragraph Rejections were overcome.

### **Minor Amendment to Claim 30**

While preparing this Amendment and Response, Applicant's Attorney noticed that the second occurrence of the word "a" in line 2 of Claim 230 should have been "an." The Claim has been Amended to make the correction.

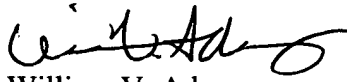
### Conclusion

Applicant believes that having confirmed the Provisional Election with Traverse and the Amendments made above responding to each and every one of the Examiner's Rejections; this Amendment and Remarks is such as to place the Application into Condition for Allowance. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

The Examiner is invited to telephone the undersigned at the local telephone number given below if, after considering this amendment, the Examiner is of the opinion that the Amendments made by Applicant have not resolved all outstanding issues in this case and brought the case into Condition for Allowance.

Respectfully submitted,

1 SEPTEMBER 2004  
DATE

  
William V. Adams  
Attorney for Applicants  
Reg. No. 32,552  
(703) 806-8255

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## Auto-Reply Facsimile Transmission



TO:

Fax Sender at 7038068873

Fax Information

Date Received:

1/21/2004 8:07:12 PM [Eastern Standard Time]

Total Pages:

8 (including cover page)

**ADVISORY:** This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received  
Cover  
Page

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JAN-21-2004 20:06 FROM:ATC

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TO: 997038729326

P. 1-E

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/058,325 Confirmation No.: 6149  
Applicant : Young, et al.  
Filed : 01/30/2002  
TCA.U. : 2835  
Examiner : Butskovakly, Michael  
Docket : ARL 02-12  
Customer No. : 21364 U.S. Army Research Laboratory

For: Modular Sensor Platform

### COPY OF ELECTION WITH TRAVERSE

U.S. Patent and Trademark Office  
2011 South Clark Place  
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Arlington, VA 22202

VIA FACSIMILE  
(703) 872-9306

Sir:

I have enclosed a copy of an Election with Traverse which I attempted to File on 01/20/2004 in response to the Office Action mailed 12/19/2003 having a period for response set to expire on 01/19/2004; however, 01/19/2004 being a Federal Holiday the period for response was extended until 01/20/2004.

Applicant's Attorney attempted to contact the Examiner listed on the case Examiner Gerald P. Toftin at telephone number (703) 308-3114 at approximately 4:30 PM on 20 January 2004. I was connected to a voice mailbox and left a message that I desired to talk with the Examiner about the Restriction Requirement. Since I did not hear from the Examiner, I prepared a Response which I attempted to datafax to the telephone number listed in the Office Action (703) 305-1341; however, that number rung repeatedly without connecting to a datafax machine (see attached "No Answer" datafax message).

I looked in the Official Gazette of the United States Patent and Trademark Office for 20 January 2004, Volume 1278, number 3,  
<http://www.uspto.gov/web/patent/week03/OG/TOC.htm>

and found the following link for Technology Centers:

<http://www.uspto.gov/web/patent/patop/week03/OG/TOC.htm#ref19>

and the following listing under the link for Technology Centers:

## MESSAGE CONFIRMATION

JAN-21-2004 08:08 PM WED

FAX NUMBER : 7038068873  
NAME : AMCNAME/NUMBER : 997038729306  
PAGE : 8  
START TIME : JAN-21-2004 08:06PM WED  
ELAPSED TIME : 01'52"  
MODE : STD ECM  
RESULTS : [ O.K ]

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/058,325 Confirmation No.: 6149  
Applicant : Young, et al.  
Filed : 01/30/2002  
TC/A.U. : 2835  
Examiner : Datskovskiy, Michael  
  
Docket : ARL 02-12  
Customer No. : 21364 U.S. Army Research Laboratory

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<http://www.uspto.gov/web/patents/patog/week03/OG/TOC.htm>

and found the following link for Technology Centers:

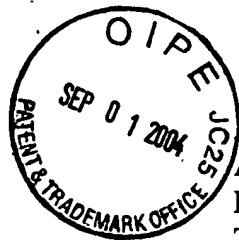
<http://www.uspto.gov/web/patents/patog/week03/OG/TOC.htm#ref19>

and the following listing under the link for Technology Centers:



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Appl. No. : **10/058,325** Confirmation No.: **6149**  
Applicant : **Young, et al.**  
Filed : **01/30/2002**  
TC/A.U. : **2835**  
Examiner : **Datskovskiy, Michael**  
  
Docket : **ARL 02-12**  
Customer No. : **21364 U.S. Army Research Laboratory**

For: **Modular Sensor Platform**

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Arlington, VA 22202

**VIA FACSIMILE**  
**(703) 872-9306**

Sir:

I have enclosed a copy of an Election with Traverse which I attempted to File on **01/20/2004** in response to the Office Action mailed **12/19/2003** having a period for response set to expire on **01/19/2004**; however, **01/19/2004** being a Federal Holiday the period for response was extended until **01/20/2004**.

Applicant's Attorney attempted to contact the Examiner listed on the case Examiner Gerald P. Tolin at telephone number (703) 308-3114 at approximately 4:30 PM on 20 January 2004. I was connected to a voice mailbox and left a message that I desired to talk with the Examiner about the Restriction Requirement. Since I did not hear from the Examiner, I prepared a Response which I attempted to datafax to the telephone number listed in the Office Action (703) 305-1341; however, that number rang repeatedly without connecting to a datafax machine (see attached "No Answer" datafax message).

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and found the following link for Technology Centers:

<http://www.uspto.gov/web/patents/patog/week03/OG/TOC.htm#ref19>

and the following listing under the link for Technology Centers:

2830/ Power generation and  
2840 distribution, music,  
electrical components  
and control circuits

306-3329  
RF FAX 872-9317

08/18/02

I datafaxed my Response to the Restriction Requirement to the listed datafax number (703) 872-9317; however, I did not receive an "Auto-Reply Facsimile Transmission." This prompted me to call Examiner Tolin's number again to leave an additional message that I had filed a Response by datafax.

In addition, this morning 21 January 2004 I checked again to ensure that the datafax number listed on the Office Action (703) 305-1341 was still not connected to a datafax machine. I let the number ring repeatedly; however, it was not answered either mechanically or by an individual. At 9:35 AM this morning I left a third voice mail for Examiner Tolin and indicated that if I had not heard from him by noon I would call the individual listed as the Examiner's supervisor Leo Picard and/or the receptionist.

At 1:30 PM I called the receptionist at the number listed on the Office Action (703) 308-0956. She could not locate Examiner Tolin's telephone number on her computer; however, she verified Examiner Picard's number, and I immediately called him at (703) 308-0538. Examiner Picard told me that Examiner Tolin had retired and gave me the name and number for Supervisory Patent Examiner (SPE) Darren Schuberg at (703) 308-4815.

I called SPE Schuberg and he verified that Examiner Tolin had retired and indicated that he had assigned this case to Examiner Michael Datskovskiy at (703) 306-4535; however, the Examiner has not yet received the case. SPE Schuberg and I discussed the Restriction Requirement, and I explained my position that the vehicle was not affirmatively recited in the Claims in question. He indicated that the actual language of the Claims might make a difference in the Restriction Requirement. He further indicated that the Response that I Filed by datafax on 20 January 2004 did not show up on the PALM System; however, in any case it would be too soon for the Response to show up whether or not the datafax I sent on 20 January 2004 was received. He told me that the central datafax number for the Technology Center was (703) 872-9306. He suggested that if I datafaxed a copy of the Response that I Filed by datafax on 20 January 2004 to this number, I might not be held liable for a one month extension in the event that the Response Filed on 20 January 2004 had not been received on 20 January 2004 and entered into the file wrapper.

Applicant's Attorney believes that he has made a good faith effort to respond to the Office Action by complying with the instructions contained therein. My inability to comply was based upon USPTO actions beyond my control: the retirement of Examiner Tolin without a message on his answering machine to that effect and the fact that, apparently, there was no datafax machine connected to the telephone number listed in the Office Action.

I request that the Response that I datafaxed on 20 January 2004 be entered in the case if it has not already been so entered. The Commissioner is authorized to charge the

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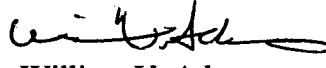
fee associated with a one month extension to Deposit Account 19-2201, the United States Army Materiel Command Deposit Account, or any other appropriate fee for this action if such a charge is required.

Applicant believes the attached Response which was initially sent by datafax on 20 January 2004 (as shown by the attached datafax delivery receipt) to telephone number (703) 872-9317, which was listed in the Official Gazette as a datafax number for Technology Centers 2830-2840, is complete and satisfies the Election/Restriction requirement of the Restriction Requirement.

The Examiner is invited to telephone the undersigned at the local telephone number given below if, after considering this Correspondence and the attached Response, the Examiner is of the opinion that the Response made by Applicant does not so satisfy the requirement. Please note the change in Applicant's Attorney's telephone number.

Respectfully submitted,

21 JANUARY 2004  
DATE

  
William V. Adams  
Attorney for Applicant  
Reg. No. 32,552  
(703) 806-8255

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MESSAGE CONFIRMATION

JAN-20-2004 07:14 PM TUE



FAX NUMBER : 7038068873  
NAME : AMC

NAME/NUMBER

997038729317

START TIME

JAN-20-2004 07:13PM TUE

ELAPSED TIME

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MODE

STD ECM

RESULTS

[ O.K ]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/058,325 Confirmation No.: 6149  
Applicant : Young, et al.  
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TC/A.U. : 2835  
Examiner : Tolin, Gerald P.

Docket : ARL 02-12  
Customer No. : 21364 U.S. Army Research Laboratory

For: Modular Sensor Platform

ELECTION WITH TRAVERSE

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VIA FACSIMILE  
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Sir:

This is in response to the Office Action mailed 12/19/2003 having a period for response set to expire on 01/19/2004; however, 01/19/2004 being a Federal Holiday the period for response is extended until 01/20/2004.

The following Election is respectfully submitted with Traverse.

**ELECTION:**

In the event that Applicant's Traverse is not accepted, Applicant Elects Claims 1-14 and 22-30 drawn to a modular device used to house a plurality of sensors and apparatuses, classified in class 361, subclass 600.

**TRAVERSE:**

Applicant believes that the previous Examiner was correct in the previous Restriction mailed 07/30/2003 to which Applicant Responded on 08/29/2003. Applicant respectfully Traverses the present Restriction Requirement.

Applicant draws the Examiner's attention to the wording of Claim 15:

15. A system as recited in claim 14, wherein said platform is constructed so as to be positioned on a robotic vehicle so as to obtain and transmit data from a remote location,

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Young, et al.  
Filed : 01/30/2002  
T/C/A.U. : 2835  
Examiner : Tolin, Gerald P.  
Docket : ARL 02-12  
Customer No. : 21364 U.S. Army Research Laboratory

For: **Modular Sensor Platform**

**ELECTION WITH TRAVERSE**

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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**VIA FACSIMILE**  
**(703) 872-9317**

Sir:

This is in response to the Office Action mailed **12/19/2003** having a period for response set to expire on **01/19/2004**; however, **01/19/2004** being a Federal Holiday the period for response is extended until **01/20/2004**.

The following Election is respectfully submitted with Traverse.

**ELECTION:**

In the event that Applicant's Traverse is not accepted, Applicant Elects Claims 1-14 and 22-30 drawn to a modular device used to house a plurality of sensors and apparatuses, classified in class 361, subclass 600.

**TRAVERSE:**

Applicant believes that the previous Examiner was correct in the previous Restriction mailed **07/30/2003** to which Applicant Responded on **08/29/2003**. Applicant respectfully Traverses the present Restriction Requirement.

Applicant draws the Examiner's attention to the wording of Claim 15:

15. A system as recited in claim 14, wherein said platform is constructed **so as to be positioned on** a robotic vehicle so as to obtain and transmit data from a remote location,

said platform further constructed so as to be dust, dirt and water resistant. (emphasis added)

The Examiner should note that the Claim does not affirmatively recite a robotic vehicle but indicated that the system recited in Claim 14 is to be constructed **so as to be positioned on** a robotic vehicle. The Claim is still drawn to a modular device used to house a plurality of sensors and apparatuses. The Examiner should further note that while the system is to be constructed so as to be positioned on a robotic vehicle there is no description of such a robotic vehicle requiring that the vehicle have a drive train and power supply. These requirements are found in Claim 16 justifying the previous Examiner's prior Restriction Requirement and Applicant's previous Election which Applicant desires to remain in effect upon the Examiner's acceptance of this Traverse. The system of Claim 15 cannot be properly classified in class 280, Land Vehicles, subclass 1: Miscellaneous.

Applicant further draws the Examiner's attention to the wording of Claims 31 and 32:

31. A system as recited in claim 30, wherein said platform is constructed **so as to be positioned on** a robotic vehicle so as to obtain and transmit data from a remote location, said platform further constructed so as to be dust, dirt and water resistant. (emphasis added)

32. A system **as recited in claim 31**, wherein said back portion further comprises a back dock, said back dock constructed so as to provide access for robotic apparatus to board said vehicle. (emphasis added)

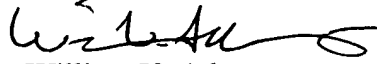
The Examiner should note that Claims 31 and 32 do not affirmatively recite a robotic vehicle but indicate in Claim 31 that the system recited in Claim 30 is to be constructed **so as to be positioned on** a robotic vehicle. Claim 31 further defines the "back portion" which relates through the chain of dependent Claims back to Claim 22 "and a back portion." Both Claims are still drawn to a system for attaching apparatus and sensor devices. The Examiner should further note that while the system is to be constructed so as to be positioned on a robotic vehicle there is no description of such a robotic vehicle requiring that the vehicle have a drive train and power supply. These requirements are found in Claim 33 justifying the previous Examiner's prior Restriction Requirement and Applicant's previous Election which Applicant desires to remain in effect upon the Examiner's acceptance of this Traverse. The systems of Claims 31 and 32 cannot be properly classified in class 280, Land Vehicles, subclass 1: Miscellaneous.

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Applicant believes that this response is complete and satisfies the Election/Restriction requirement of this action; however, the Examiner is invited to telephone the undersigned at the local telephone number given below if, after considering this Response, the Examiner is of the opinion that the Response made by Applicant does not so satisfy the requirement. Please note the change in Applicant's Attorney's telephone number.

Respectfully submitted,

20 JANUARY 2004  
DATE

  
William V. Adams  
Attorney for Applicant  
Reg. No. 32,552  
(703) 806-8255

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MESSAGE CONFIRMATION

JAN-20-2004 06:42 PM TUE

FAX NUMBER : 7038068873  
NAME : AMC



NAME/NUMBER : 997033051341  
PAGE : 0  
START TIME : JAN-20-2004 06:41PM TUE  
ELAPSED TIME : 00' 00"  
MODE : STB-G3  
RESULTS : [ NO ANSWER ]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/058,325 Confirmation No.: 6149  
Applicant : Young, *et al.*  
Filed : 01/30/2002  
TC/A.U. : 2835  
Examiner : Tolin, Gerald P.  
  
Docket : ARL 02-12  
Customer No. : 21364 U.S. Army Research Laboratory

For: Modular Sensor Platform

ELECTION WITH TRAVERSE

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop Non-Fee Amendment  
Crystal Plaza Two, Lobby, Room 1803  
Arlington, VA 22202

VIA FACSIMILE  
(703) 305-1341

Sir:

This is in response to the Office Action mailed 12/19/2003 having a period for response set to expire on 01/19/2004; however, 01/19/2004 being a Federal Holiday the period for response is extended until 01/20/2004.

The following Election is respectfully submitted with Traverse.

**ELECTION:**

In the event that Applicant's Traverse is not accepted, Applicant Elects Claims 1-14 and 22-30 drawn to a modular device used to house a plurality of sensors and apparatuses, classified in class 361, subclass 600.

**TRAVERSE:**

Applicant believes that the previous Examiner was correct in the previous Restriction mailed 07/30/2003 to which Applicant Responded on 08/29/2003. Applicant respectfully Traverses the present Restriction Requirement.

Applicant draws the Examiner's attention to the wording of Claim 15:

15. A system as recited in claim 14, wherein said platform is constructed so as to be positioned on a robotic vehicle so as to obtain and transmit data from a remote location,



**Adams, Bill Civ AMCCC**

**From:** Adams, Bill Civ AMCCC  
**Sent:** Monday, February 09, 2004 2:36 PM  
**To:** 'michael.datskovskiy@uspto.gov'  
**Cc:** Arnold, Debbie Civ AMCCC  
**Subject:** Copy of Election as Filed

Examiner Datskovskiy,

Here is a copy of the paper I filed by datafax on 21 January after talking with SPE Schuberg. It incorporates a copy of the election I datafaxed to the USPTO on 20 January 2004 for U.S. Patent Application 10/058,325, Young, *et al.*



ARL 02-12 Young,  
et al e-mail ...

>ARL 02-12 Young, et al e-mail to Examiner.pdf<

If you do not print out the attached file to view it, you will need to rotate it twice to see it in the upright position on your computer screen. I scanned it this way to ensure that the header marks showing the date and time that the action was datafaxed to the USPTO would show on the scanned document.

Thank you for taking your time to discuss this with me twice today, for discussing it with SPE Schuberg, and for your assistance in this matter.

Sincerely,

Bill Adams

William V. (Bill) Adams  
Associate Counsel - Patent Attorney  
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